MATERIALS FINER THAN No. 200 SIEVE IN MINERAL AGGREGATE BY WASHING AASHTO T 11

APPARATUS

- [ ] Sieves
  - [ ] Lower Sieve -- No. 200
  - [ ] Upper Sieve -- Range of No. 8 to No. 16
- [ ] Container of sufficient size to contain sample and permit vigorous agitation without loss of sample or water
- [ ] Oven maintained at 230 ± 9°F
- [ ] Spoon or trowel
- [ ] Mechanical apparatus (optional)

PROCEDURE

- [ ] Weight of sample as follows:

Nominal Maximum Aggregate Size	Minimum Weight of Sample (g)
1 1/2 in.	5000
3/4 in.	2500
3/8 in.	1000
No. 4 or smaller	300

- [ ] Sample dried to constant weight at 230 ± 9°F
- [ ] Weight of sample determined
- [ ] Sample placed in container and covered with water
- [ ] Sample agitated sufficiently to separate particles finer than No. 200 sieve from coarser particles
- [ ] Wash water poured over nested sieves
- [ ] Procedure repeated until wash water is clear
- [ ] Material retained on nested sieves flushed to washed sample
- [ ] Washed aggregate dried to constant weight at 230 ± 9°F
- [ ] Weight of sample determined

Calculation

[ ] Amount of material passing a No. 200 sieve by washing is calculated correctly to 0.1% as follows:

$$A = \frac{B-C}{B} \times 100$$

where:
A = percentage of material finer than No. 200 sieve by washing
B = original dry weight of sample, g
C = dry weight of sample after washing, g

NA - Not Applicable
X - Requires Corrective Action
√ - Satisfactory

_____
Acceptance Technician

_____ _____
INDOT Date

Comments _____

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